

FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

14138.1USD1

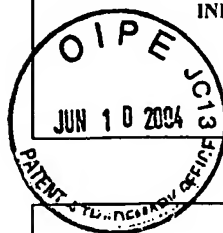
Application Number:

10/085,853

Applicant: MEROT ET AL.

Filing Date: 10/18/2001

Group Art Unit: 1653



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------|------|------|-------|----------|-------------------------------|
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|--------------|------|---------|-------|----------|-------------|----|
|  |              |      |         |       |          | YES         | NO |
|  |              |      |         |       |          |             |    |
|  |              |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|           |  |  |
|-----------|--|--|
| <i>MP</i> |  | Abler, M. et al., "Isolation and characterization of a genomic sequence encoding the maize Cat3 catalase gene," <i>Plant Molecular Biology</i> , Vol. 22, pp. 1031-1038 (1993)   |
| <i>MP</i> |  | Aguilar-Martinez, P. et al., "Comparison of the protein and DNA approaches for the characterization of a $\beta$ -globin chain variant, hemoglobin Cocody [ $\beta_{21}$ (B3) Asp- $\rightarrow$ Asn], in a Caucasian patient," <i>Ann Hematol</i> , Vol. 66, pp. 269-272 (1993) |
| <i>MP</i> |  | Efstratiadis, A. et al., "The Structure and Evolution of the Human $\beta$ -Globin Gene Family," <i>Cell</i> , Vol. 21, pp. 653-668 (October 1980)   |
| <i>MP</i> |  | Hardiest, S. et al., "Evolution of the Mammalian $\beta$ -Globin Gene Cluster," <i>The Journal of Biological Chemistry</i> , Vol. 259, No. 6, pp. 3748-3756 (Issue of March 25, 1984)  |
| <i>MP</i> |  | Hardison, R. et al., "Use of Long Sequence Alignments to Study the Evolution and Regulation of Mammalian Globin Gene Clusters," <i>Mol. Biol. Evol.</i> , Vol. 10, No. 1, pp. 73-102 (1993)  |
| <i>MP</i> |  | Holm, L. et al., "Structural alignment of globins, phycocyanins and colicin A," <i>FEBS 11991</i> , Vol. 315, No. 3, pp. 301-306 (1993)  |
| <i>MP</i> |  | "INTERNATIONAL HEMOGLOBIN INFORMATION CENTER VARIANTS LIST," <i>HEMOGLOBIN</i> , Vol. 19, Nos. 1&2, pp. 39-124 (1995)  |

EXAMINER

DATE CONSIDERED

7/17/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

|   |                               |                                   |
|---|-------------------------------|-----------------------------------|
| FORM 1449<br>INFORMATION DISCLOSURE STATEMENT<br>IN AN APPLICATION<br>(Use several sheets if necessary) | Docket Number:<br>14138.1USD1 | Application Number:<br>10/085,853 |
|   | Applicant: MEROT ET AL.       |                                   |
|   | Filing Date: 10/18/2001       | Group Art Unit: 1653              |

|           |   |
|-----------|---|
| <i>MP</i> | Matsunaga, E. et al., "The Rat P450 IID Subfamily: Complete Sequences of Four Closely Linked Genes and Evidence that Gene Conversions Maintained Sequence Homogeneity at the Heme-Binding Region of the Cytochrome P450 Active Site," <i>J. Mol. Evol.</i> , Vol. 30, pp. 155-169 (1990)        |
| <i>MP</i> | Ni, W. et al., "Characterization of cDNA encoding cottonseed catalase," <i>Biochimica et Biophysica Acta</i> , Vol. 1049, pp. 219-222 (1990)  |
| <i>MP</i> | Rodriguez Maranon, M. et al., "Analysis of the optical absorption and magnetic-circular-dichroism spectra of peanut peroxidase: electronic structure of a peroxidase with biochemical properties similar to those of horseradish peroxidase," <i>Biochem. J.</i> , Vol. 301, pp. 335-341 (1994) |
| <i>MP</i> | Shanan, B., "Portrait of an Allosteric Protein," <i>Biochemistry Ed. Steyer</i> , 4th Edition, W.H. Freeman & Co., New York, Chapter 7, pp. 147-180 (1983)  |
| <i>MP</i> | Sheta, E. et al., "Evidence for a Bidomain Structure of Constitutive Cerebellar Nitric Oxide Synthase," <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 21, pp. 15147-15153 (May 27, 1994)   |
| <i>MP</i> | Souček, P. et al., "Identification of a Common Cytochrome P450 Epitope near the Conserved Heme-Binding Peptide with Antibodies Raised against Recombinant Cytochrome P450 Family 2 Proteins," <i>Biochemistry</i> , Vol. 34, pp. 16013-16021 (1995)   |
| <i>MP</i> | Vainshtein, B. et al., "Three-dimensional structure of the enzyme catalase," <i>Nature</i> , Vol. 293, pp. 411-412 (October 1981)   |
| <i>MP</i> | Watts, R. et al., "A hemoglobin from plants homologous to truncated hemoglobins of microorganisms," <i>PNAS</i> , Vol. 98, No. 18, pp. 10119-10124 (August 28, 2001)  |
| <i>MP</i> | Welinder, K., "Bacterial catalase-peroxidases are gene duplicated members of the plant peroxidase superfamily," <i>Biochimica et Biophysica Acta</i> , Vol. 1080, pp. 215-220 (1991)  |

**23552**

PATENT TRADEMARK OFFICE

|   |                         |
|---|-------------------------|
| EXAMINER <i>Pat. Act</i>  | DATE CONSIDERED 7/17/04 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                         |